

Lodi Citizen's Monitoring - Lodi, California

November 2002

Weather: Windy, cloudy and some rain, 19.4 C (67 F).

Sampling followed first major rain event of year (1.9' in 48 hrs).

Boards pulled from dam on Mokelumne River - end of irrigation season, river level dropped, lake mostl

Test Site	Date	Time	pH	Water Temperature	Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	
Site #1 River before City Storm System inlets	8-Nov-02	15:40	7.0 A	16.0 C A	60.8 F	8.6 A	6.4 ntu B	50 A	0.01 A
Site # 2 River near Casa de Lodi	8-Nov-02	16:25	7.0 A	15.9 C A	60.6 F	8.5 A	6.5 ntu B	50 A	0.01 A
Site # 3 River at Mokelumne River Dr.	8-Nov-02	15:49	7.1 A	16.3 C A	61.3 F	9.6 A	12 ntu B	50 A	0 A
Site # 4 River at "Scenic Overlook" Awani Dr.	8-Nov-02	16:00	7.4 A	17.7 C B	63.9 F	8.1 A	40 ntu C	60 A	na
Site # 5 River, Glen Beach Edgewood Dr.	8-Nov-02	15:48	7.4 A	15.5 C A	59.9 F	7.8 B	14 ntu B	50 A	0 A
Site # 6 River, N/O Pigs Lake	8-Nov-02	15:23	7.5 A	15.8 C A	60.4 F	7.5 B	19 ntu B	40 A	0.02 A
Site # 7 River, near Gazebo N/O Lodi Lake	8-Nov-02	15:50	6.4? C	16.9 A	62.4 F	9.3 A	27 ntu C	50 A	0 A
Site # 7A East end (S/o SD) Lodi Lake	8-Nov-02	15:35	6.3? C	19.4 C B	66.9 F	8.3 A	109 ntu D	60 A	0 A
Site # 8 Lodi Lake above last Storm Drain	8-Nov-02	13:21	7.1 A	16.9 C A	62.4 F	8.1 B	76 ntu D	50 A	0.3 A
Site # 9 River at WID Dam	8-Nov-02	14:00	7.3 A	16.4 C A	61.5 F	7.4 B	20 ntu B	50 A	0 A
Beckman Storm Pumping Station: First Rain	8-Nov-02	11:45	6.4 C	17.6 C A	63.7 F	8.5 A	29 ntu C	80 A	na
City Storm Drain #1 at River: First Rain	8-Nov-02	12:00	6.1 C	17.1 C A	62.8 F	7.3 B	41 ntu C	60 A	na

NA = Not Analyzed (equipment problems)

<u>GRADE:</u>	<u>pH</u>	<u>Temp</u>	<u>D.O.</u>	<u>Turbidity</u>	<u>TDS</u>
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300

C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000
F	<5.5, >9.5		< 55%Sat.,<5.0mg/L	> 150	> 1000

Rainfall in inches for Lodi at Fire Station #3, 2141 S. Ham Lane

Fire Station 3	
11/7/2002	0.28
11/8/2002	1.73
11/9/2002	0.12
#####	0.20
#####	0
#####	0.05
#####	<u>0.02</u>
Month Total	2.40

ly drained.

Remarks
litter on portion of beach that used to be under water
Water cloudy and litter observed
Water cloudy
Water cloudy and litter observed
Water cloudy
Water cloudy
20 ft from shore, muddy with debris (leaves)
30 ft from shore, muddy with debris (leaves)
Water cloudy and litter observed
Salmon sighted just below dam! Some litter & cloudiness
First significant rain event started appx. six hours earlier.
(same as above) Storm water only from drain pipe.

<u>Nitrates</u>
< 1
2 - 3

4 - 5
6 - 10
> 10